

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of preparing a material exhibiting photocatalytic properties comprising a coating comprising at least partially crystallized titanium oxide, ~~especially in anatase form, characterized in that it employs~~ comprising heating a transparent or semi-transparent substrate,

wherein the substrate comprises a coating of titanium dioxide on at least a first face of the substrate,

to a temperature greater than 600 °C, and

conducting crystallization of the titanium dioxide at the temperature greater than 600 °C,

thereby at least partially crystallizing the titanium dioxide and forming the material
temperatures in excess of 600°C.

Claim 2 (Currently Amended): The method ~~as claimed in~~ of claim 1, ~~characterized in that it~~ wherein the temperature is greater than ~~employs temperatures in excess of 630°C.~~

Claim 3 (Currently Amended): The method ~~as claimed in~~ of claim 1 ~~or 2,~~ ~~characterized in that it entails~~ further comprising a toughening treatment, a bending treatment, or a toughening and a bending treatment ~~and/or bending treatment~~ carried out on the material ~~glazing.~~

Claim 4 (Currently Amended): The method of ~~as claimed in one of the preceding claims~~ claim 1, ~~characterized in that it comprises the~~ wherein the titanium dioxide coating is
formed by deposition, wherein the substrate is a ~~of a titanium oxide coating on a first face of~~

~~a first transparent or semitransparent substrate of the~~ glass or glass-ceramic substrate, type
and wherein the substrate, which, optionally, has been provided beforehand with one or more
functional multilayers, ~~and/or one or more~~ functional layers, or a combination thereof.

Claim 5 (Currently Amended): The method ~~as claimed in~~ of claim 4, ~~characterized in~~
~~that it comprises~~ further comprising the deposition, on ~~the~~ at least a second face of the
substrate, of said first transparent or semitransparent substrate or on a second face belonging
~~to a second transparent or semitransparent substrate,~~ of one or more functional multilayers,
one or more functional layers, or a combination thereof and/or functional layers.

Claim 6 (Currently Amended): The method ~~as claimed in~~ of claim 5, ~~characterized in~~
~~that said employment of temperatures~~ wherein the heating and conducting are conducted after
the depositions on at least the first and second faces ~~in excess of 600°C is after the deposition~~
~~on said first and second faces.~~

Claim 7 (Currently Amended): The method ~~as claimed in~~ of claim 5 ~~or 6,~~
~~characterized in that~~ wherein the deposition on said the at least first and second faces is
carried out by cathode sputtering.

Claim 8 (Currently Amended): The method ~~as claimed in~~ of claim 7, ~~characterized in~~
~~that~~ wherein the deposition on the at least first and second faces is carried out in line
simultaneously or almost simultaneously, along substantially identical directions, and in
opposite senses.

Claim 9 (Currently Amended): A glass sheet, at least one face of which ~~bears~~
comprises a coating of a material comprising titanium oxide, ~~characterized in that it wherein~~
the glass sheet is capable of undergoing ~~or has undergone~~ a heat treatment at above 600°C,
~~such as a toughening and/or bending operation,~~ while still preserving the photocatalytic
activity and the optical quality that are required for antisoiling glazing.

Claim 10 (Currently Amended): The glass sheet as claimed in claim 9, wherein
~~characterized in that~~ the mean colorimetric variation ΔE in reflection on the coating side
induced by the heat treatment at above 600°C is at most 2.8, ~~preferably at most 2.3.~~

Claim 11 (Currently Amended): ~~Single or multiple, A~~ laminated, ~~monolithic~~ glazing,
~~which includes comprising [[a]] the glass sheet as claimed in of claim 9 and at least one~~
additional functional layer, at least one functional multilayer, or a combination thereof or 10.

Claim 12 (Currently Amended): A single ~~Single~~ or multiple, laminated, monolithic
glazing, comprising the material exhibiting photocatalytic properties at least a first face of at
~~least a first constituent glass sheet of which bears a coating of a material exhibiting~~
~~photocatalytic properties,~~ obtained in accordance with the method of claim 1, wherein the
substrate is a constituent glass sheet.

Claim 13 (Currently Amended): The glazing as claimed in claim 12, wherein
~~characterized in that,~~ beneath the coating of a material exhibiting photocatalytic properties,
~~said the at least first face of the substrate bears~~ comprises at least one layer, and wherein the
at least one layer forms one or more functional multilayers and/or functional layers, including

~~at least one layer forming~~ a barrier to the migration of alkali metals from the glass liable to result from the application of temperatures in excess of 600°C.

Claim 14 (Currently Amended): The glazing as claimed in claim 12 ~~or 13~~, ~~characterized in that wherein at least the a~~ second face of said ~~the continuous~~ first glass sheet ~~or a second face belonging to a second constituent glass sheet bears~~ further comprises one or more functional multilayers, one or more functional layers, or a combination thereof, and/or functional layers chosen selected from the group consisting of a thermal control, ~~such as solar control, [[or]] a low-emissivity multilayer, a multilayer, [[or]] a layer with an optical functionality, wherein the optical functionality is seleted from the group consisting of~~ such as antireflection, light radiation filtration, coloration, ~~[[or]] and~~ and scattering, a layer ~~[[of]] comprising an antisoiling photocatalytic material especially of the type with high activity, a hydrophilic layer, a hydrophobic layer, a network of conductive threads, [[or]] a conductive layer, especially for heating, [[or]] an antenna, [[or]] an antistatic layer, and a combination thereof these being taken individually or in combination.~~

Claim 15 (Currently Amended): The application of glazing of claim 14, as claimed in one of claims 11 to 14 as wherein the glass sheet comprises at least one property selected from the group consisting of "self-cleaning", especially self cleaning, antifogging, anticondensation and antisoiling glazing, especially architectural glazing of the double-glazing type, vehicle glazing of the windshield, rear window, side window and wing mirror type for automobiles, windows for trains, aircraft and ships, utilitarian glazing, such as aquarium glass, shop window glass and greenhouse glass, interior furnishings, urban furniture, mirrors, screens for display systems of the computer, television and telephone type,

~~electrically controllable glazing, such as electrochromic glazing of the liquid crystal or electroluminescent type, or photovoltaic glazing.~~

Claim 16 (New): The method of claim 1, wherein the least partially crystallized titanium oxide is in anatase form.

Claim 17 (New): The method of claim 2, wherein the least partially crystallized titanium oxide is in anatase form.

Claim 18 (New): The method of claim 3, wherein the least partially crystallized titanium oxide is in anatase form.

Claim 19 (New): The method of claim 4, wherein the least partially crystallized titanium oxide is in anatase form.

Claim 20 (New): The method of claim 5, wherein the least partially crystallized titanium oxide is in anatase form.